

KING COUNTY I/I REDUCTION PROJECTS
EXAMPLE BENEFIT COST RATIO FOR I/I REDUCTION IMPROVEMENTS VS CONVEYANCE SYSTEM IMPROVEMENTS

I/I Reduction Information							Corresponding CSI Information						
Scenario	Basins	Total Non-Degraded I/I Reduction (mgd)	Total I/I Construction Cost (\$ Million)	Total I/I Project Cost (\$ Million)	I/I Reduction Assumptions	Description of Rehabilitation in Each Basin	CSI Affected Facility	Without I/I Removal		With I/I Removal		CSI Net Project Cost Savings (\$ Million)	Benefit/Cost Ratio
								Pre Reduction Size (MG)	CSI Pre Reduction Project Cost (\$ Million)	Post Reduction Size (MG)	CSI Post-Reduction Project Cost (\$ Million)		
BEL/ISS - BH	BEL 031E	1.04	\$3.41	\$5.23	75%	82 -Easy, 25-Medium lateral and side sewer replacements out of 213 properties. 50.2% of properties rehabilitated.	Eastgate Storage	2.33	\$21.10	2.01	\$18.29	\$6.97	1.33
	ISS 003 D(2)					37-Easy, 76-Medium lateral and side sewer replacements out of 133 properties. 85.0% of properties rehabilitated.	Issaquah Storage	1.77	\$14.06	1.32	\$10.61		
						Issaquah Interceptor	1.72	\$3.04	1.13	\$2.93			
						Heathfiled & Sunset Pump Station	53.24	\$46.77	53.30	\$46.17			
BEL/ISS - BL	BEL 031E	0.85	\$3.41	\$5.23	60%	82 -Easy, 25-Medium lateral and side sewer replacements out of 213 properties. 50.2% of properties rehabilitated.	Eastgate Storage	2.33	\$21.10	2.07	\$18.81	\$5.60	1.07
	ISS 003 D(2)					37-Easy, 76-Medium lateral and side sewer replacements out of 133 properties. 85.0% of properties rehabilitated.	Issaquah Storage	1.77	\$14.06	1.4	\$11.23		
						Heathfiled & Sunset Pump Station	53.24	\$46.77	53.30	\$46.29			